

Filter box for textile machines

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In a filter box for textile machines, the fibre-containing air is sucked in by a fan. A screen drum is arranged rotatably underneath the fan. A channel leading from the fan to the screen drum surrounds part of the outside of the screen drum. In this region, the fibres settle on the circumference of the screen drum. This channel is followed in the direction of rotation of the screen drum by a chamber part, in which a stripper is arranged. In the region of the stripper, a covering of the screen drum provides a covering inside the screen drum. The fibre material stripped off by the stripper falls down in the chamber part as a result of its gravitational force.

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